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12/88

Micol Systems

Micol Advanced Basic for the Ilgs

If you know Applesoft, *Micol Advanced Basic* will give you the power to take advantage of the advanced graphics, sound, and memory of your Ilgs, under GS/OS, within an hour. No other Ilgs language offers such a fast and gentle ramp for programmers. There's almost nothing new to get started.

Micol Advanced Basic will compile old Applesoft programs with few changes, yet it doesn't have the many limits of Applesoft. Its graphic

commands take advantage of the Super High Res display on the Ilgs. The Ilgs sound chip is also directly supported. Other features of the language include named procedures with parameter passing, lots of structured loop commands, and programming without line numbers.

If your goal is to write full-dress Ilgs desktop programs, there are better (and harder) Ilgs languages for you. If your goal is to release the power of your Ilgs over the weekend, *this is your language*.

Our introductory price till Jan 31 will be \$99. Full price is \$145.

MS-001 Micol Advanced Basic (NEW) \$99.00 (not a sale item)

The A2 Library

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Get Apple's Human Interface Guidelines **FREE**

Take advantage of this special offer from Addison-Wesley—buy any three books from the Apple Technical Library (books shown with 'Apple' as author in the list below) and get a coupon good for a free copy of Apple's *Human Interface Guidelines*. The coupon will be redeemed directly by Addison-Wesley. **This offer expires December 31, 1988!**

Human Interface Guidelines is the book in which Apple documents the "desktop" interface used on many Apple Ilgs programs. It is useful both to programmers and users of the interface.

General Interest Books

HR-001	<i>Sculley: Odyssey</i>	(NEW)	\$10.95
HB-001	<i>Gassee: The Third Apple</i>	(NEW)	\$14.95
SY-009	<i>SYBEX Computer Blue Book</i>	(see 11/88)	\$12.95
TS-001	<i>Bear: Computer Wimp</i>	(see 8/88)	\$9.95
CB-001	<i>Freiberger: The Ilc, Your First Computer</i>	(see 6/88)	\$9.95
AW-013	<i>Snyder: In Search of Amazing Thing</i>	(see 6/88)	\$10.95
MH-004	<i>Freiberger: Fire in the Valley</i>	(see 6/88)	\$11.95
IB-001	<i>Weishaar: Your Best Interest</i>	(see 6/88)	\$9.95

AppleWorks Books

SY-008	<i>Ericson: AppleWorks, Tips and Techs</i>	(see 6/88)	\$19.95
DS-003	<i>disk for this book</i>	(see 8/88)	\$12.00
SY-007	<i>Tymes: Mastering AppleWorks</i>	(see 6/88)	\$21.95
MH-010	<i>Matthews: AppleWorks Made Easy</i>	(see 7/88)	\$18.95
CE-001	<i>Thomas: ClassWorks</i>	(see 8/88)	\$45.00

Science/Electronics Books

TB-001	<i>Engelsher: Interfacing & Digital Exps</i>	(see 6/88)	\$15.50
VS-001	<i>Vernier: Build a Better Mousetrap</i>	(see 7/88)	\$24.95
TB-003	<i>Pellino et al: Science On Your Apple</i>	(see 6/88)	\$14.95
TB-004	<i>Horn: Smart Apples</i>	(see 6/88)	\$12.95

Printers

Technical References

CP-001	<i>East: Handbook of Printer Commands (3 vols)</i>		\$89.95
AW-008	<i>Apple: ImageWriter II Technical Reference</i>		\$19.95
AW-025	<i>Apple: ImageWriter LQ Technical Reference</i>		\$22.95

PostScript

AW-007	<i>Adobe: PostScript Lang Tutorial/Cookbook</i>		\$16.95
AW-005	<i>Adobe: PostScript Lang Program Design</i>		\$22.95
AW-009	<i>Adobe: PostScript Lang Reference Manual</i>		\$22.95

Troubleshooting and Repair

HS-004	<i>SAMS Computerfacts: ImageWriter I</i>		\$24.95
HS-008	<i>SAMS Computerfacts: ImageWriter II</i>	(NEW)	\$24.95

Working with Classic Apples

Applesoft

AW-010	<i>Apple: Applesoft Tutorial (w/disk)</i>		\$29.95
AW-021	<i>Apple: Applesoft Programmer's Reference</i>		\$22.95
AW-015	<i>Dwyer: BASIC and the Personal Computer</i>		\$16.95
MH-002	<i>Poole: II-Plus/IIc User's Guide, 3rd Ed</i>		\$18.95
MH-003	<i>Poole: IIc User's Guide</i>		\$18.95
HS-007	<i>Irwin: Apple Programmer's Handbook</i>		\$22.95

DOS 3.3

TB-007	<i>Weishaar/Kersey: The DOSalk Scrapbook</i>		\$14.95
DS-001	<i>disk for this book</i>		\$10.00

ProDOS 8

AW-024	<i>Apple: BASIC Programming with ProDOS (w/disk)</i>		\$29.95
AW-023	<i>Apple: ProDOS 8 Tech Ref (w/disk)</i>		\$29.95
QS-001	<i>Worth: Beneath Apple ProDOS</i>	(see 8/88)	\$19.95
TB-006	<i>Doms/Weishaar: ProDOS Inside and Out</i>	(see 6/88)	\$16.95
DS-002	<i>disk for this book</i>		\$10.00

6502 Assembly Language

AW-012	<i>Finley/Myers: Asm Lang for Applesoft Prgmmer</i>		\$18.95
RW-001	<i>Wagner: Assembly Lines: The Book</i>	(see 6/88)	\$19.95
DS-004	<i>disk for this book</i>		\$15.95
MH-007	<i>Leventhal: 6502 Asmbly Lang Prog.</i>		\$19.95
MH-008	<i>Leventhal: 6502 Subroutines</i>		\$19.95
SY-002	<i>Zaks: Programming the 6502</i>		\$17.95
SY-001	<i>Zaks: Advanced 6502 Programming</i>		\$16.95

Technical References

AW-003	<i>Apple: Apple IIc Technical Reference</i>		\$24.95
AW-004	<i>Apple: Apple IIc Technical Reference</i>		\$24.95
SS-002	<i>Little: Inside the Apple IIc</i>		\$19.95
SS-001	<i>Little: Inside the Apple IIc</i>		\$19.95
SY-003	<i>Campbell: The RS-232 Solution</i>	(see 6/88)	\$18.95

Troubleshooting and Repair

HS-001	<i>SAMS Computerfacts: II, II-Plus</i>		\$21.95
HS-002	<i>SAMS Computerfacts: IIc</i>		\$21.95
HS-005	<i>SAMS Computerfacts: IIc</i>		\$39.95
HS-003	<i>SAMS Computerfacts: Disk II</i>		\$21.95
HS-006	<i>Brenner: Apple II Troubleshooting/Repair Guide</i>		\$19.95

Working with the Apple Ilgs

Toolbox Programming

AW-011	<i>Apple: Programmer's Intro to Ilgs (w/disk)</i>		\$32.95
AW-019	<i>Apple: Apple Ilgs Toolbox Reference, Vol 1</i>		\$26.95
AW-006	<i>Apple: Apple Ilgs Toolbox Reference, Vol 2</i>		\$26.95
CB-005	<i>Gookin/Davis: Mastering the Ilgs Toolbox</i>		\$19.95
CB-007	<i>Gookin/Davis: Adv Prog Tech for Ilgs Toolbox</i>		\$19.95

ProDOS 16

AW-020	<i>Apple: ProDOS 16 Reference (w/disk)</i>		\$29.95
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65816 Assembly Language

CB-002	<i>Wagner: Ilgs Machine Lang for Beginners</i>		\$19.95
DS-005	<i>disk for this book (3.5)</i>		\$15.95
BB-001	<i>Scanlon: Apple IIs Asm Lang Programming</i>		\$24.95
SS-003	<i>Eyes/Lichty: Programming the 65816</i>		\$24.95
MH-005	<i>Fischer: 65816/65802 Asmbly Lang Prgming</i>		\$21.95

Technical References

AW-018	<i>Apple: Technical Introduction to the Apple Ilgs</i>		\$9.95
AW-022	<i>Apple: Apple Ilgs Firmware Reference</i>		\$24.95
AW-002	<i>Apple: Apple Ilgs Hardware Reference</i>		\$24.95
AW-001	<i>Apple: Apple Numerics Reference (new edition)</i>		\$29.95
AW-014	<i>Apple: Human Interface Guidelines</i>		\$14.95
AW-017	<i>Little: Exploring the Apple Ilgs</i>	(see 6/88)	\$22.95
MH-001	<i>Fischer: Apple Ilgs Tech Ref</i>	(see 6/88)	\$19.95

Subscriptions, Back Issues, Ordering Information

Ordering Information

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If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

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3-year subscription	(36 issues)	\$78

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Open-Apple back issues

Open-Apple has been published monthly since January, 1985. Single back issues are \$2 each. We currently have originals of all single back issues available, but supplies for some months are getting tight. We also have bound volumes of back issues available. Each volume holds one year's issues and includes a detailed index for that year's issues.

Open-Apple: Volume 1		
OA-001	\$14.95	Jan 1985—Jan 1986
Open-Apple: Volume 2		
OA-002	\$14.95	Feb 1986—Jan 1987
Open-Apple: Volume 3		
OA-003	\$14.95	Feb 1987—Jan 1988
Full Set Special (every issue ever published)		
FS	\$39.00	Jan 1985—current

New Books, save 10%

Odyssey, by John Sculley

Just released in a paperback edition, this is Sculley's description of his "journey" as president of Apple and of his thoughts about running an Information Age company.

HR-001 \$10.95 1987

The Third Apple, by Jean-Louis Gassee

Apple's head of R&D and poetry reflects on the Apple that followed Eve's and Newton's.

HB-001 \$14.95 1985

Sams COMPUTERFACTS: ImageWriter II

Just released. Service guide and schematics for Apple's ImageWriter II printer.

HS-008 \$24.95 1988

Posters, save 10%

Perfect for your computer room or classroom—our posters are 17-1/2 inches by 22-1/2 inches, white stock with black ink. On each poster we've printed an enlarged Rich Tennant cartoon from **Open-Apple**.

Posters ordered together are shipped together in a mailing tube. When you buy several posters they get cheaper quickly. Look through the indicated months in your back issues to see which cartoons are available as posters.

1 poster	\$7	2 posters	\$10	3 posters	\$12
PS-001	Christmas Lizard				from Dec 1985
PS-002	Genie				from June 1986
PS-003	User Group				from August 1987

ModuNET

Build your own network

For a complete description, see our May, June, or July *Product Catalog*.

For Apple IIe Workstation Card, IIgs,

ImageWriter II, Mac Plus, SE, II

OE-001 8-pin ModuNET \$34.95

For LaserWriter, Mac 128K, 512K

OE-002 9-pin ModuNET \$34.95

CIRTECH plusRAM memory cards

plusRAM PR-1 and PR-16

CIRTECH's two PR cards are standard-slot memory cards like Applied Engineering's RamFactor or Apple's 'Slink' memory expansion card. This type of card can be used in the II-Plus, IIe, or IIgs. The PR-1 uses standard 256K RAM chips and can be expanded to 1 megabyte. The PR-16 uses standard 1-meg RAM chips and can be expanded to 4 megabytes on one card (with forthcoming 4-meg chips it can be expanded to 16 megabytes).

AppleWorks 2.0 and 2.1 automatically expand their desktop into these cards. One meg and larger cards can be partitioned for different operating systems with supplied software.

plusRAM GS-2 and GS-8

CIRTECH's two GS cards are designed to fit into the memory expansion slot on the Apple IIgs. The GS-2 uses standard 256K chips and can be expanded up to 2 megabytes on one card. The GS-8 uses standard 1-meg chips and can be expanded up to 8 megabytes on one card—the maximum RAM capacity of the IIgs. No other company builds a single card that can expand to 8 megabytes using standard RAM chips.

CIRTECH's custom LSI chips mean these cards use very little power and create very little heat. CIRTECH's GS-8 is the most-expandable, highest-quality IIgs memory card available in the world at one of the world's lowest prices.

StatDisk

CIRTECH's StatDisk is a completely new concept in storage technology. No other company makes anything like it. Your computer and software think the StatDisk is a standard-slot RAM card, such as CIRTECH's PR cards. What makes the StatDisk different is that what you store on it stays stored after you turn the power off—even after you pull the card out of the computer! A small battery (built right onto the card and automatically recharged when your computer is on) keeps your data safe for over two months. No other data storage medium is faster, quieter, or more reliable. No cords. Instant-on reliability. See last month's catalog for more info.

Prices good through December 31, 1988

Cards that use 256K chips:

memory supplied	PR-1 order no	GS-2 order no	\$
256K	PR-1-1	GS-2-1	219
512K	PR-1-2	GS-2-2	279
768K	PR-1-3	GS-2-3	339
1 M	PR-1-4	GS-2-4	399
1.25M	---	GS-2-5	459
1.5 M	---	GS-2-6	519
1.75M	---	GS-2-7	579
2 M	---	GS-2-8	639

Cards that use 1-meg chips:

memory supplied	PR-16 order no	GS-8 order no	\$
1 M	PR-16-1	GS-8-1	499
2 M	PR-16-2	GS-8-2	759
3 M	PR-16-3	GS-8-3	1019
4 M	PR-16-4	GS-8-4	1279
5 M	---	GS-8-5	1539
6 M	---	GS-8-6	1799
7 M	---	GS-8-7	2059
8 M	---	GS-8-8	2319

ROMdisk expansion cards

(no chips) ROM-256 \$89
(no chips) ROM-512 \$89

STAT-256 expansion cards

64K SD-256-1 \$159
128K SD-256-2 \$189
256K SD-256-3 \$249

StatDisk

memory supplied	StatDisk order no	\$
128K	SD-1	209
256K	SD-2	269
384K	SD-3	329
512K	SD-4	389
640K	SD-5	519
768K	SD-6	579
896K	SD-7	639
1M	SD-8	699

StatDisk piggyback expander

We've already included this card in the StatDisk prices shown above. This order number is for use only if you want to purchase the board separately

64K SD-PIG \$159

Unit pricing:

Buy CIRTECH's base card and stock it with your own chips, if you like. Our 256K RAM prices reflect a charge of \$7.50 per chip, installed and tested.

Unit pricing:

Buy CIRTECH's base card and stock it with your own chips, if you like. Our 1-meg RAM prices reflect a charge of \$32.50 per chip, installed and tested.

Unit pricing:

Buy CIRTECH's base card and stock it with your own chips, if you like. Our 32x8 low-power CMOS static RAM prices are \$15.00 per chip, installed and tested.